

October 2, 2014

Ms. Jennifer DeNicola  
Malibu Unites  
22741 Pacific Coast Highway, Suite 401  
Malibu, CA 90265

Dear Ms. DeNicola,

The following results are for Frontier Analytical Laboratory project **8490**. This corresponds to your Malibu Unites project. Eleven of the twelve solid samples listed on the chain of custody were received on 5/13/2014. All eleven samples were placed on hold per your instructions. On 6/9/2014 you requested we sub-contract out several samples to be analyzed following EPA Method 8082. This was completed on 6/19/2014. Eventually you requested we analyze sample 8490-006-SA (Malibu Unites ID: WW2) for total PCB concentration using Modified EPA Method 1668C for all 209 PCB congeners. This was completed in August 2014 and concentrations were communicated to you. After numerous discussions you requested we go back and determine the concentration levels of PCB-126 in the sample.

Please note the following for your data sheets. The method blank and sample results are reported in ng/g (ppb). Our Modified EPA Method 1668C has a reporting limit (RL) of 25.0 ppb for each of the 209 PCB congeners. This reporting limit ensures that if all 209 PCB congeners are below the RL, cumulatively they are well below the action levels noted in the Toxic Substance Control Act (TSCA) of 50.0 ppm. Due to high levels of PCBs your sample had to be diluted and quantitated using an external standard. Therefore a true internal standard and cleanup surrogate recovery value is not available, hence the "X" and "\*" qualifiers.

The following report consists of an Analytical Data section and a Sample Receipt section. The Analytical Data section contains our project-sample tracking log and the analytical results. The Sample Receipt section contains your chain of custody, our sample login form and sample photos. The attached results are specifically for the sample referenced in this report only. This report has been emailed to you as a PDF file. A hardcopy will not be sent to you unless specifically requested.

If you have any questions regarding project **8490**, please feel free to contact me at (916) 934-0900. Thank you for choosing Frontier Analytical Laboratory for your analytical testing needs.

This report and all analytical work have been provided to you as a "gesture in kind" with no associated invoice or cost to you.

Sincerely,



Bradley B. Silverbush  
Director of Operations

# Frontier Analytical Laboratory

## Sample Tracking Log

FAL Project ID: **8490**

Received on: **05/13/2014**

Project Due: **06/05/2014**

Storage: **F2**

FAL Sample ID	Dup	Client Project ID	Client Sample ID	Requested Method	Matrix	Sampling Date	Sampling Time	Hold Time Due Date
8490-001-SA	0	Malibu Unites	TT1	EPA 1668 PCB	Solid	05/10/2014	11:00 am	05/10/2015
8490-002-SA	0	Malibu Unites	TT2	EPA 1668 PCB	Solid	05/10/2014	11:15 am	05/10/2015
8490-003-SA	0	Malibu Unites	SS1	EPA 1668 PCB	Solid	05/10/2014	11:25 am	05/10/2015
8490-004-SA	0	Malibu Unites	ART	EPA 1668 PCB	Solid	05/10/2014	11:30 am	05/10/2015
8490-005-SA	0	Malibu Unites	WW1	EPA 1668 PCB	Solid	05/10/2014	11:40 am	05/10/2015
8490-006-SA	0	Malibu Unites	WW2	EPA 1668 PCB	Solid	05/10/2014	11:45 am	05/10/2015
8490-007-SA	0	Malibu Unites	TT3	EPA 1668 PCB	Solid	05/10/2014	11:30 am	05/10/2015
8490-008-SA	0	Malibu Unites	RMG	EPA 1668 PCB	Solid	05/10/2014	12:00 pm	05/10/2015
8490-009-SA	0	Malibu Unites	AJ1	EPA 1668 PCB	Solid	05/12/2014	07:45 am	05/12/2015
8490-010-SA	0	Malibu Unites	AJ2	EPA 1668 PCB	Solid	05/12/2014	07:50 am	05/12/2015
8490-011-SA	0	Malibu Unites	Ceiling Bulk - TT	EPA 1668 PCB	Solid	NP	NP	N/A
8490-012-SA	0	Malibu Unites	Paint - TT	EPA 1668 PCB	Solid	NP	NP	N/A

FAL Sample ID

Notes

8490-005-SA 'Sample not received.'  
 8490-006-SA Using sample ID from COC for our tracking purposes.  
 8490-009-SA 'Using hand written sampling date from jar label for our tracking purposes.'  
 8490-010-SA 'Using hand written sampling date from jar label for our tracking purposes.'

Modified EPA Method 1668C  
PCBs



FAL ID: 8490-001-MB  
Client ID: Method Blank  
Matrix: Solid  
Batch No: X3149

Date Extracted: 08-05-2014  
Date Received: NA  
Amount: 2.00 g

ICal: LRPCBFAL4-7-10-14  
GC Column: DB1  
Units: ng/g

Acquired: 08-06-2014  
WHO TEQ: NA  
Basis: Dry Weight

Compound	Conc	RL	Qual
PCB-126	ND	25.0	

Internal Standards	% Rec	QC Limits	Qual
13C-PCB-126	80.9	15.0 - 145	

Cleanup Surrogate		
13C-PCB-178	109	15.0 - 145

A Isotopic Labeled Standard outside QC range but signal to noise ratio is >10:1  
B Analyte is present in Method Blank  
C Chemical Interference  
D Presence of Diphenyl Ethers  
DNQ Analyte concentration is below calibration range  
E Analyte concentration is above calibration range  
F Analyte confirmation on secondary column  
J Analyte concentration is below calibration range  
M Maximum possible concentration  
ND Analyte Not Detected at Detection Limit Level  
NP Not Provided  
P Pre-filtered through a Whatman 0.7um GF/F filter  
S Sample acceptance criteria not met  
X Matrix interferences  
\* Result taken from dilution or reinjection

Analyst: 

Date: 10/2/2014

Reviewed By: 

Date: 10/2/2014

Modified EPA Method 1668C  
PCBs



FAL ID: 8490-001-OPR  
Client ID: OPR  
Matrix: Solid  
Batch No: X3149

Date Extracted: 08-05-2014  
Date Received: NA  
Amount: 2.00 g

ICal: LRPCBFAL4-7-10-14  
GC Column: DB1  
Units: ng/ml

Acquired: 08-06-2014  
WHO TEQ: NA

Compound	Conc	QC Limits
PCB-126	434	200 - 600

Internal Standards	% Rec	QC Limits
13C-PCB-126	82.7	15.0 - 145

Cleanup Surrogate		
13C-PCB-178	99.0	15.0 - 145

A Isotopic Labeled Standard outside QC range but signal to noise ratio is >10:1  
B Analyte is present in Method Blank  
C Chemical Interference  
D Presence of Diphenyl Ethers  
DNQ Analyte concentration is below calibration range  
E Analyte concentration is above calibration range  
F Analyte confirmation on secondary column  
J Analyte concentration is below calibration range  
M Maximum possible concentration  
ND Analyte Not Detected at Detection Limit Level  
NP Not Provided  
P Pre-filtered through a Whatman 0.7um GF/F filter  
S Sample acceptance criteria not met  
X Matrix interferences  
\* Result taken from dilution or reinjection

Analyst: 

Date: 10/1/2014

Reviewed By: 

Date: 10/1/2014

Modified EPA Method 1668C  
PCBs



FAL ID: 8490-006-SA  
Client ID: WW2  
Matrix: Solid  
Batch No: X3149

Date Extracted: 08-05-2014  
Date Received: 05-13-2014  
Amount: 0.10 g

ICal: LRPCBFAL4-7-10-14  
GC Column: DB1  
Units: ng/g

Acquired: 08-07-2014  
WHO TEQ: NA  
Basis: Dry Weight

Compound	Conc	RL	Qual
PCB-126	57,600	25.0	

Internal Standards	% Rec	QC Limits	Qual
13C-PCB-126	NA	15.0 - 145	X,*

Cleanup Surrogate			
13C-PCB-178	NA	15.0 - 145	X,*

A Isotopic Labeled Standard outside QC range but signal to noise ratio is >10:1  
B Analyte is present in Method Blank  
C Chemical Interference  
D Presence of Diphenyl Ethers  
DNQ Analyte concentration is below calibration range  
E Analyte concentration is above calibration range  
F Analyte confirmation on secondary column  
J Analyte concentration is below calibration range  
M Maximum possible concentration  
ND Analyte Not Detected at Detection Limit Level  
NP Not Provided  
P Pre-filtered through a Whatman 0.7um GF/F filter  
S Sample acceptance criteria not met  
X Matrix interferences  
\* Result taken from dilution or reinjection

Analyst: 

Date: 10/2/2014

Reviewed By: 

Date: 10/2/2014



Frontier Analytical Laboratory  
5172 Hillsdale Circle  
El Dorado Hills, CA 95762  
Tel: 916-934-0900  
Fax: 916-934-0999

### FAL USE ONLY

Laboratory Project No.:

8490

Temperature:

0 °C

## Chain of Custody

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Please Print in Pen Page \_\_\_\_ of \_\_\_\_

CLIENT INFORMATION					INVOICE INFORMATION (if different from client info)										PROJECT INFORMATION					
Company Name: <u>WU</u>					Company Name: _____										FAL Quote #: _____					
Contact Name: <u>Jen</u>					Contact Name: _____										P.O. #: _____					
Address: <u>22741 PCH</u>					Address: _____										Project #: _____					
Phone: <u>310 848 5400</u> Fax: _____					Phone: _____ Fax: _____										Project Name: _____					
Email: <u>Jen@malibuunites.com</u>					Email: _____										TAT (business days): <input checked="" type="checkbox"/> 15 <input type="checkbox"/> 10 <input type="checkbox"/> 5* <input type="checkbox"/> 3* (✓ one)					
* FAL must agree with price and RUSH TAT in writing.																				
REPORT INFORMATION					REPORT DISTRIBUTION (email only is preferred)										ADDITIONAL INSTRUCTIONS					
Report Level: <input type="checkbox"/> I/II <input type="checkbox"/> III <input type="checkbox"/> IV					<input type="checkbox"/> Hardcopy															
<input type="checkbox"/> EDD: <input type="checkbox"/> FAL Basic <input type="checkbox"/> Geotracker					<input type="checkbox"/> CD (.pdf including EDDs if requested)															
<input type="checkbox"/> Other: _____ <input type="checkbox"/> Custom: Contact FAL					<input checked="" type="checkbox"/> Email (.pdf including EDDs if requested)															
<input type="checkbox"/> California State Drinking Water Form																				
System #: _____ Source #: _____																				
Sampler: _____ Employer: _____																				
Sample ID					Date	Time	Matrix	# of containers	EPA 1613**	EPA 8290**	DLM 02.0	EPA 8280**	Appendix IX	EPA TO-9/9A	EPA 23/23A	EPA 1668	FAL 15	Other	**CONGENERS	**TEQ
					Collected														<input type="checkbox"/> 2,3,7,8-TCDD only	<input type="checkbox"/> 1998 WHO
																			<input type="checkbox"/> 2,3,7,8-TCDD/F only	<input type="checkbox"/> 2005 WHO
																			<input type="checkbox"/> PCDD/F (Cl <sub>4</sub> -Cl <sub>8</sub> )	<input type="checkbox"/> Other
					Remarks															
1	TT 1	5-10-14	11:00		1														Vent-wipe-blw kit 3GR	
2	TT 2	5-10-14	11:15		1														Caulk-mant-theater	
3	SSI	5-10-14	11:25		1														Caulk-	
4	ART	5-10-14	11:30		1														Caulk	
5	WW1	5-10-14	11:40																- Carpet Sample	
6	WW2	5-10-14	11:45		1														- caulk	
7	TT3	5-10-14	11:30		1														- window glaze	
8	RM6	5-10-14	12-		1														wall vent dirt	
9	AJ1	5-10-14	7:45		1														wall vent soil	
10	AJ2	5-10-14	7:50		1														wall vent DUST/WIPE	
11	Ceiling Bulk-TT																			
12	Paint-TT																			
13																				
14																				
15																				
Samples will be disposed of 90 days after sample receipt unless other arrangements have been made and agreed upon in writing.																				
Relinquished by: (Signature and Printed Name)					Date	Time	Received by: (Signature and Printed Name)					Date	Time							
							[Signature] 1021PP					5-13-14	920							

Client understands that all terms described in the proposals, quotations, and/or the general terms provided in the current FAL price schedules will be followed.

FAL reserves the rights to terminate its service or withhold delivery of reports, if in FAL's sole discretion the terms of the project have been broken.

White Copy - Report

Yellow Copy - Laboratory

Pink Copy - Originator

## Frontier Analytical Laboratory

### Sample Login Form

FAL Project ID: **8490**

Client:	Malibu Unites
Client Project ID:	Malibu Unites
Date Received:	05/13/2014
Time Received:	09:20 am
Received By:	KZ
Logged In By:	KZ
# of Samples Received:	12
Duplicates:	0
Storage Location:	F2

Method of Delivery:	California Overnight
Tracking Number:	D10010681069063
Shipping Container Received Intact	Yes
Custody seals(s) present?	Yes
Custody seals(s) intact?	Yes
Sample Arrival Temperature (C)	0
Cooling Method	Ice
Chain Of Custody Present?	Yes
Return Shipping Container To Client	No
Test aqueous sample for residual Chlorine	No
Sodium Thiosulfate Added	No
Adequate Sample Volume	Yes
Appropriate Sample Container	Yes
pH Range of Aqueous Sample	N/A
Anomalies or additional comments:	





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5172 Hillsdale Circle  
El Dorado Hills, CA 95762  
Tel: 916-934-0900  
Fax: 916-934-0999

## Chain of Custody

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Please Print in Pen Page \_\_\_\_ of \_\_\_\_

CLIENT INFORMATION	
Company Name:	MU
Contact Name:	Jen
Address:	22741 PCH
Phone:	308 848 5400
Fax:	
Email:	Jen@malibuanites.com

INVOICE	
Frontier Analytical Laboratory	
<b>8490-010-SA</b>	
Client ID: AJ2	(01 of 01)
Storage: F2	

PROJECT INFORMATION	
FAL Quote #:	
P.O. #:	
Project #:	
Project Name:	
TAT (business days):	<input checked="" type="checkbox"/> 15 <input type="checkbox"/> 10 <input type="checkbox"/> 5* <input type="checkbox"/> 3* (✓ one)
* FAL must agree with price and RUSH TAT in writing.	

REPORT INFORMATION	
Report Level:	<input type="checkbox"/> I/II <input type="checkbox"/> III <input type="checkbox"/> IV
<input type="checkbox"/> EDD:	<input type="checkbox"/> FAL Basin <input type="checkbox"/> Geotracker

RECEIVED	
DATE	5-12-10
TIME	11:45
CLIENT	MU

ADDITIONAL INSTRUCTIONS	







Frontier Analytical Laboratory  
5172 Hillsdale Circle  
El Dorado Hills, CA 95762  
Tel: 916-934-0900  
Fax: 916-934-0999

**FAL USE ONLY**

Laboratory Project No.: 8490  
Temperature: 0 °C

**Chain of Custody**

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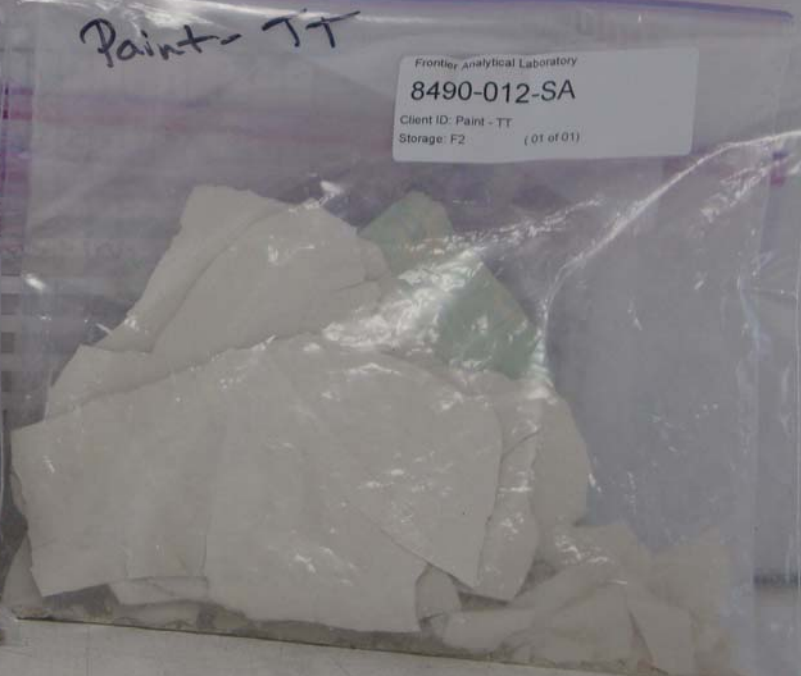
Please Print in Pen Page      of     

<b>CLIENT INFORMATION</b>		<b>INVOICE INFORMATION</b> (if different from client info)		<b>PROJECT INFORMATION</b>	
Company Name: <u>MU</u>		Company Name: <u>    </u>		FAL Quote #: <u>    </u>	
Contact Name: <u>Jen</u>		Contact Name: <u>    </u>		P.O. #: <u>    </u>	
Address: <u>22741 PCH</u>		Address: <u>    </u>		Project #: <u>    </u>	
Phone: <u>308 848 5400</u> Fax: <u>    </u>		Phone: <u>    </u> Fax: <u>    </u>		Project Name: <u>    </u>	
Email: <u>JEN@malibuunites.com</u>		Email: <u>    </u>		TAT (business days): <input checked="" type="checkbox"/> 15 <input type="checkbox"/> 10 <input type="checkbox"/> 5* <input type="checkbox"/> 3* (V one)	
				* FAL must agree with price and RUSH TAT in writing.	
<b>REPORT INFORMATION</b>		<b>REPORT DISTRIBUTION</b> (email only is preferred)		<b>ADDITIONAL INSTRUCTIONS</b>	
Report Level: <input type="checkbox"/> I/II <input type="checkbox"/> III <input type="checkbox"/> IV		<input type="checkbox"/> Hardcopy			
<input type="checkbox"/> EDD: <input type="checkbox"/> FAL Basic <input type="checkbox"/> Geotracker		<input type="checkbox"/> CD / pdf include			

White Copy - 1



Frontier Analytical Laboratory  
**8490-011-SA**  
Client ID: Ceiling Bulk - TT  
Storage: F2 (01 of 01)



Frontier Analytical Laboratory  
**8490-012-SA**  
Client ID: Paint - TT  
Storage: F2 (01 of 01)